

REMARKS

This is intended as a full and complete response to the Office Action dated April 13, 2004, having a shortened statutory period for response set to expire on July 13, 2004. Please reconsider the claims pending in the application for reasons discussed below.

In the specification, the paragraphs [0007] and [0063] have been amended to correct minor errors. Paragraphs [0029] and [0061] have been amended and new paragraph [0029.1] has been added after paragraph [0029] to correctly identify Figures 8A and 8B.

Claims 1-39 are pending in the application. Claims 1-8 and 10-30 remain pending following entry of this response. Claim 8 has been amended. Claim 9 has been cancelled. Applicants submit that the amendments do not introduce new matter.

35 U.S.C. § 102(b) Rejections

Claims 1-2 and 21-22 stand rejected under 35 U.S.C. § 102(b) as being anticipated by *Hanson et al.* Applicants respectfully traverse the rejection. The rejected claims recite a method of debugging a program in a computer system comprising removing at least a portion of all breakpoints associated with a particular job from the program. Thus, breakpoints in the pending claims are removed based on their association with a particular job. *Hanson et al.* recites a source-level debugger for programs compiled by the Little C Compiler (lcc). *Hanson et al.* recites a function, `_Nub_remove` which is used to remove breakpoints (Pg. 1280). The function described in *Hanson et al.* removes a breakpoint based solely upon a coordinate in the program file provided by the `src` variable (Pg. 1279-1280, definition of `Nub_coord_T` and `_Nub_remove`). The `src` variable, which is of type `Nub_coord_T`, does not specify which job a breakpoint is associated with (Pg. 1279-1280). Thus, Applicants respectfully submit that *Hanson et al.* describes removal of a breakpoint based merely upon a given coordinate in the program file and does not specify that the breakpoint being removed is associated with a particular job. Accordingly, the claims are believed to be allowable and Applicants respectfully request removal of the rejection.

35 U.S.C. § 103(a) Rejections

Claims 3, 6, 8, 11, 23 and 26 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Hanson et al.* Claims 3 and 6 and claims 23 and 26 depend from claims 1 and 21 respectively. Applicants believe the rejection with regards to claims 1 and 21 has been overcome for the reasons stated above. Accordingly, applicants respectfully submit that the rejection with respect to claims 3, 6, 23, and 26 has been overcome as well. Claim 8 has been amended to include the limitations of dependent claim 9 which was previously found to be allowable. Thus, Applicants respectfully submit that claim 8 as amended, and claim 11 which depends from claim 8, are now presumptively allowable. Accordingly, the claims are believed to be allowable and Applicants respectfully request removal of the rejection.

Allowed and Allowable Claims

Claims 12-20 and 28-39 are allowed.

Claims 4-5, 7, 9-10, 24-25 and 27 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. With respect to claims 4-5 and 7, and claims 24-25 and 27, these groups of claims depend from claims 1 and 21 respectively. Applicants believe the rejection with regards to claims 1 and 21 has been overcome for the reasons stated above, and thus respectfully submit that the dependent claims 4-5, 7, 24-25, and 27 are also allowable. Claim 10 depends from claim 8, now rewritten in allowable form, and is therefore believed to be in condition for allowance. Accordingly, the claims are believed to be allowable and Applicants respectfully request removal of the objection.

Conclusion

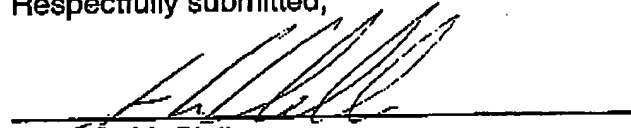
The secondary references made of record are noted. However, it is believed that the secondary references are no more pertinent to the Applicants' disclosure than the primary references cited in the office action. Therefore, Applicants believe that a detailed discussion of the secondary references is not necessary for a full and complete response to this office action.

PATENT

Atty. Dkt. No. ROC920010052US1

Having addressed all issues set out in the office action, Applicants respectfully submit that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,



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